

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. to 18. (Canceled)

19. (Currently amended) A method for treating immunosuppression of skin cells induced by UVB radiation, said method comprising topically applying to the skin of a person in need thereof an effective amount therefor of a cosmetic or dermatological formulation comprising:

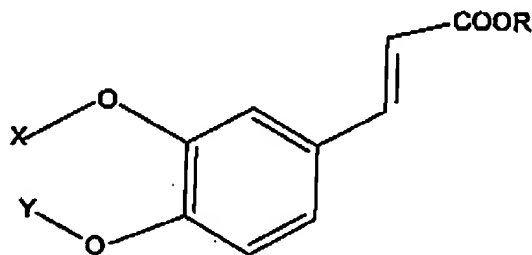
- a) one or more flavonoids selected from the group consisting of alpha-glucosyl rutin, alpha-glucosylmyricitrin, alpha-glucosylisoquercitrinin, alpha-glucosylquercitrin, quercitin, rutin, chrysin, kaempferol, myricetin, rhamnetin, apigenin, luteolin, naringin, hesperidin, naringenin, hesperitin, morin, phloridzin, diosmin, fisetin, vitexin, neohesperidin dihydrochalcone, flavone, glucosylrutin and genistein;
- b) optionally one or more cinnamic acid derivatives; and
- c) optionally an antioxidant;

and preventing or treating immunosuppression of skin cells induced by UVB radiation, wherein the cosmetic or dermatological formulation comprises 0.001% by weight to 30% by weight, based on the total weight, of one or more substances a) or of the combination a) and b).

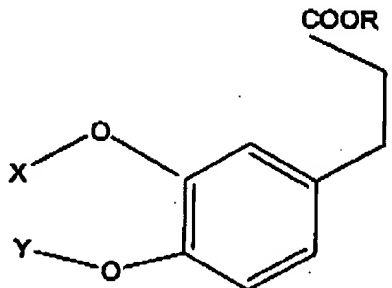
20. (Previously presented) The method according to claim 19, wherein the cosmetic or dermatological formulation comprises one or more cinnamic acid derivatives.

21. (Previously presented) The method according to claim 20, wherein the one or more cinnamic acid derivatives are selected from the group consisting of hydroxycinnamic acid derivatives.

22. (Previously presented) The method according to claim 21, wherein the hydroxycinnamic acid derivatives are selected from those of the formula:



or the formula:

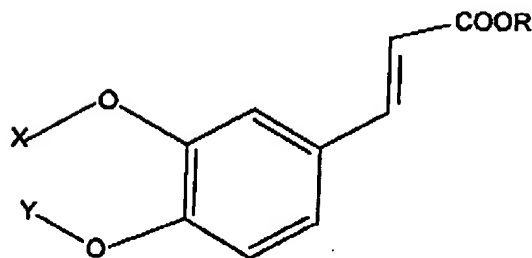


or mixtures thereof,

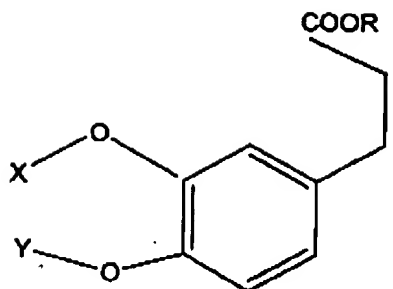
wherein X, Y and R independently represent H or branched or unbranched alkyl have 1 to 18 carbon atoms.

23. (Previously presented) The method according to claim 19, which comprises topically applying to the skin of a person in need thereof an effective amount therefor of a cosmetic or dermatological formulation comprising:

- a) one or more flavonoids selected from the group consisting of alpha-glucosylrutin, alpha-glucosylmyricitrin, alpha-glucosylisoquercitrinin, alpha-glucosylquercitrin, quercitin, rutin, chrysin, kaempferol, myricetin, rhamnetin, apigenin, luteolin, naringin, hesperidin, naringenin, hesperitin, morin, phloridzin, diosmin, fisetin, vitexin, neohesperidin dihydrochalcone, flavone, glucosylrutin and genistein;
- b) one or more hydroxycinnamic acid derivatives of the formula:



or the formula:



or mixtures thereof,

wherein X, Y and R independently represent H or branched or unbranched alkyl have 1 to 18 carbon atoms; and

c) an antioxidant.

24. (Previously presented) The method according to claim 19, wherein a symptom of the immunosuppression is inflammation, allergy or an autoimmune-reactive symptom.

25. (Withdrawn) A method for protecting the cells which participate in the immune response of the skin from the damaging effects of UVB radiation, said method comprising topically applying to the skin of a person in need thereof an effective amount therefor of a cosmetic or dermatological formulation comprising:

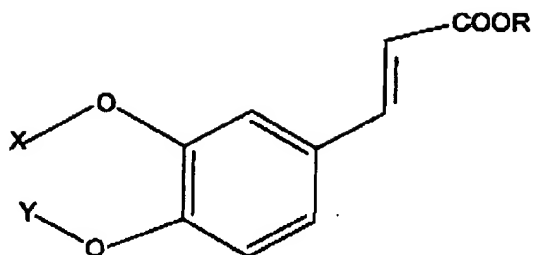
- a) one or more flavonoids selected from the group consisting of alpha-glucosylrutin, alpha-glucosylmyricitrin, alpha-glucosylisoquercitrinin, alpha-glucosylquercitrin, quercitin, rutin, chrysin, kaempferol, myricetin, rhamnetin, apigenin, luteolin, naringin, hesperidin, naringenin, hesperitin, morin, phloridzin, diosmin, fisetin, vitexin, neohesperidin dihydrochalcone, flavone, glucosylrutin and genistein;
- b) optionally one or more cinnamic acid derivatives; and
- c) optionally an antioxidant;

and protecting the cells which participate in the immune response of the skin from the damaging effects of UVB radiation.

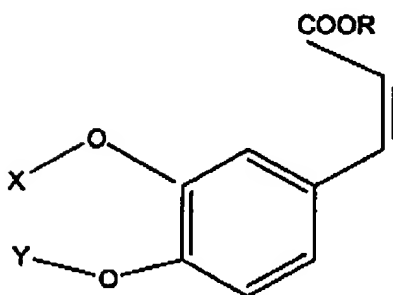
26. (Withdrawn) The method according to claim 25, wherein the cosmetic or dermatological formulation comprises one or more cinnamic acid derivatives.

27. (Withdrawn) The method according to claim 26, wherein the one or more cinnamic acid derivatives are selected from the group consisting of hydroxycinnamic acid derivatives.

28. (Withdrawn) The method according to claim 27, wherein the hydroxycinnamic acid derivatives are selected from those of the formula:



or the formula:



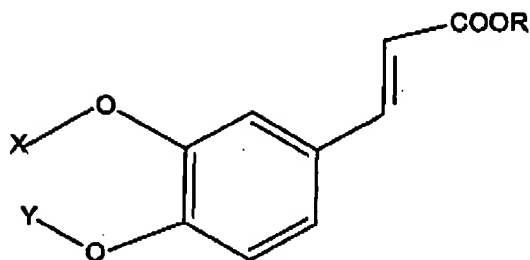
or mixtures thereof,

wherein X, Y and R independently represent H or branched or unbranched alkyl have 1 to 18 carbon atoms.

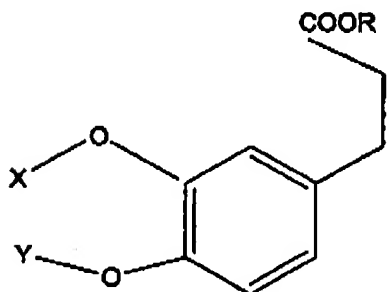
29. (Withdrawn) The method according to claim 25, which comprises topically applying to the skin of a person in need thereof an effective amount therefor of a cosmetic or dermatological formulation comprising:

- a) one or more flavonoids selected from the group consisting of alpha-glucosylrutin, alpha-glucosylmyricitrin, alpha-glucosylisoquercitrinin, alpha-glucosylquercitrin, quercitin, rutin, chrysin, kaempferol, myricetin, rhamnetin, apigenin, luteolin, naringin, hesperidin, naringenin, hesperitin, morin, phloridzin, diosmin, fisetin, vitexin, neohesperidin dihydrochalcone, flavone, glucosylrutin and genistein;

- b) one or more hydroxycinnamic acid derivatives of the formula:



or the formula:



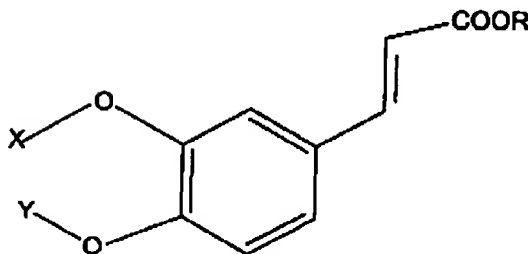
or mixtures thereof,

wherein X, Y and R independently represent H or branched or unbranched alkyl have 1 to 18 carbon atoms; and

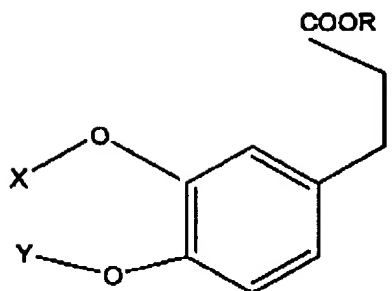
c) an antioxidant.

30. (Withdrawn) A cosmetic or dermatological formulation comprising:

- a) one or more flavonoids selected from the group consisting of alpha-glucosylmyricitrin, alpha-glucosylisoquercitrin, alpha-glucosylquercitrin, quercitin, rutin, chrysin, kaempferol, myricetin, rhamnetin, apigenin, luteolin, naringin, hesperidin, naringenin, hesperitin, morin, phloridzin, diosmin, fisetin, vitexin, neohesperidin dihydrochalcone, flavone, glucosylrutin and genistein;
- b) one or more hydroxycinnamic acid derivatives of the formula:



or the formula:



or mixtures thereof,

wherein X, Y and R independently represent H or branched or unbranched alkyl have 1 to 18 carbon atoms; and

c) optionally an antioxidant.

31. (Withdrawn) The cosmetic or dermatological formulation according to claim 30, which comprises an antioxidant.

32. (Withdrawn) A cosmetic or dermatological formulation comprising:

- a) one or more flavonoids selected from the group consisting of alpha-glucosylmyricitrin, alpha-glucosylisoquercitrinin, alpha-glucosylquercitrin, myricetin, rhamnetin, apigenin, hesperitin, morin, phloridzin, diosmin, vitexin, neohesperidin dihydrochalcone, flavone, and genistein;
- b) optionally one or more cinnamic acid derivatives; and
- c) optionally an antioxidant.

33. (Withdrawn) The cosmetic or dermatological formulation according to claim 32, which comprises an antioxidant.

34. (Withdrawn) A cosmetic or dermatological formulation comprising:

- a) one or more flavonoids selected from the group consisting of alpha-glucosylmyricitrin, alpha-glucosylisoquercitrinin, alpha-glucosylquercitrin, myricetin, rhamnetin, apigenin, hesperidin, hesperitin, morin, phloridzin, diosmin, vitexin, neohesperidin dihydrochalcone, flavone, glucosylrutin and genistein;
- b) one or more cinnamic acid derivatives; and
- c) one or more antioxidants.

35. (New) The formulation of claim 1, wherein the formulation comprises 0.01% by weight to 10% by weight based on the total weight, of one or more substances a) or of the combination of a) and b).

36. (New) The formulation of claim 1, wherein the formulation comprises 0.1% by weight to 6% by weight based on the total weight, of one or more substances a) or of the combination of a) and b).